Ministry of
Northern Development
and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

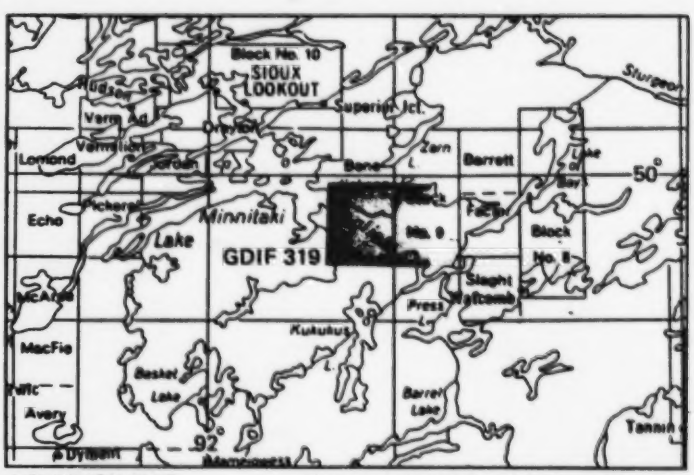
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 319

SMOCK LAKE AREA

DISTRICT OF KENORA

Compiled by the Staff of
the Resident Geologist's Office
Sioux Lookout



LOCATION MAP Scale 1:1 013 760 or 1 inch to 16 miles

Mining Claim Map Number G-2212

87-00341/

STATEMENT This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1986: Smock Lake Area, District of Kenora; Ontario Geological Survey, Geological Data Inventory Folio 319, compiled by the staff of the Resident Geologist's Office, Sioux Lookout, 20p. and 2 maps.

Original Compilation by: C. Proctor, A. Gasparetto, M. Sawtelle

Date	Page Revised	Revised by

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SMOCK LAKE AREA

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Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this map. If no reference data was found, the appropriate box is marked 'no'; if reference was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	CJP
2	Assessment Files Research Office, Toronto		
3	ODM General Index; 7 volumes	Yes	AG
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	CJP
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	No	CJP
6	ODM Industrial Mineral Reports	No	CJP
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	CJP
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	CJP
9	Newspaper Clippings File	No	GJP
10	GSC Index to Publications	No	CJP
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	CJP
12	OGS Index Maps	Yes	AG
13	Source Mineral Deposit Records (O.G.S.)	Yes	CJP
14	Author - Subject Articles File	Yes	CJP
15	Miscellaneous Papers: ODM & OGS	No	CJP
16	ODM Geological Circulars: OGS Study Series	No	CJP
17	ODM Preliminary Reports: ODM Bulletins	No	CJP
18	ODM – OGS Open File Reports	Yes	CJP
19	OGS Northern Ontario Engineering Geology Terrain Studies	No	CJP
20	OGS Aggregate Resources Inventory Papers	No	CJP
21	OGS Mineral Potential Maps	Yes	CJP
22	Aerial Photographs filed in Sioux Lookout and Kenora	Yes	CJP
23	Theses on File in Sioux Lookout	No	CJP

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . .Anhydrite
- △ ank. . . . . .Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . .Apatite
- △ arg . . . . . Argentite
- △ As . . . . . .Arsenic
- △ asp . . . . . .Arsenopyrite
- △ asb . . . . . .Asbestos
- △ ba. . . . . .Barite
- △ be. . . . . .Beryl
- △ Bi. . . . . .Bismuth
- △ bn . . . . . .Bornite
- △ bran . . . . . .Brannerite
- △ bruc . . . . . .Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . .Calcite
- △ carb . . . . . .Carbonate
- △ cel . . . . . .Celestite
- △ cc. . . . . .Chalcocite
- △ cp. . . . . .Chalcopyrite
- △ ch. . . . . .Chert
- △ clay . . . . . .Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . .Columbite
- △ Cu . . . . . .Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . .Feldspar
- △ fl . . . . . .Fluorite (flurospar)
- △ fu. . . . . .Fuchsite
- △ gn. . . . . .Galena
- △ gt. . . . . .Garnet
- △ goe. . . . . .Goethite
- ▲ Au . . . . . Gold
- △ gf. . . . . .Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . .Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . .Ilmenite
- △ Fe . . . . . .Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . .Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . .Magnesite
- △ mag . . . . . .Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . .Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . .Marl
- △ mi . . . . . Mica
- △ ml . . . . . .Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . .Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . .Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . .Niobium
- △ Pd . . . . . .Palladium
- △ peat . . . . . .Peat
- △ pent . . . . . .Pentlandite
- △ Pt. . . . . .Platinum
- △ py . . . . . .Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . .Pyrolusite
- △ po . . . . . .Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . .Quartz carbonate vein
- △ ra. . . . . .Radioactive minerals
- △ RE . . . . . .Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . .Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . .Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . .Shale
- △ sid . . . . . Siderite
- △ si . . . . . .Silica
- ▲ Ag . . . . . .Silver
- △ sl . . . . . Slate
- △ sm . . . . . .Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . .Sphalerite
- △ spd . . . . . .Spodumene
- △ staur . . . . . .Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . .Stone
- △ talc. . . . . .Talc
- △ Te . . . . . .Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . .Thorite
- △ Th . . . . . .Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . .Tourmaline
- △ trap . . . . . .Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . .Uranium
- △ verm . . . . . .Vermiculite
- △ Y . . . . . Yttrium
- ▲ Zn . . . . . .Zinc
- △ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

SMOCK LAKE AREA

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Noranda	Zn,Au,Ag	K0006	--	AFRO 1969 #2 197 S.M.D.R. File #00468

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
	COMPANY/AUTHOR (file number)																			
A	GOLDRAY MINES L (52G/14SW-0021)	70							70	70										
B	NORANDA EXPLORATION C L (52G/14NW-0015)											70	70							
C	COMBINED METAL MINES (52G/13NE-1)							72				72								
D	COMBINED METAL MINES (52G/13NE-2)				73															
E	CONGRESS MINING C L (52G/13NE-3)				71															
F	CONGRESS MINING C L (52G/13NE-4)											71	71							
G	DENISON MINES (GOLDRAY MS) (52G/13NE-5)				72															
H	DENISON MINES (GOLDRAY MS) (52G/13NE-6)				72															
I	DOVE LAKE MINES L (TOKARSKY) (52G/13NE-7)				71															

GDIF FORM NO. 2

SMOCK LAKE AREA

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
J	DOVE LAKE MINES L (TOKARSKY) (52G/13NE-8)											71	71							
K	FALCON LAKE MINING CORP (52G/13NE-9)				71															
L	FALCON LAKE MINING CORP (52G/13NE-10)											71	71							
M	GOLDRAY MINES L (52G/13NE-11)				70															
N	GOLDRAY MINES L (52G/13NE-12)				70															
O	HARTLAND MINES L (52G/13NE-15)											71	71							
P	MID-PATAPEDIA MINES L (52G/13NE-16)							72												
Q	NORANDA EXPLORATION C L (52G/13NE-17)											70	70							
R	NORANDA EXPLORATION C L (52G/13NE-18)											70	70							

GDIF FORM NO.

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
S	NORANDA EXPLORATION C L (52G/13NE-19)											70	70							
T	NORANDA EXPLORATION C L (52G/13NE-20)											70	70							
U	NORANDA EXPLORATION C L (52G/13NE-21)				70															
V	NORANDA EXPLORATION C L (52G/13NE-22)				70															
W	NORANDA EXPLORATION C L (52G/13NE-23)				70															
X	NORANDA EXPLORATION C L (52G/13NE-24)											70	70							
Y	NORANDA EXPLORATION C L (52G/13NE-25)				71															
Z	NORANDA EXPLORATION C L (52G/13NE-26)											71	71							
BA	NORANDA EXPLORATION C L (52G/13NE-27)				71															
BB	NORANDA EXPLORATION C L (52G/13NE-28)											70	70							

GDIF FORM NO.

SMOCK LAKE AREA

TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
BC	NORANDA EXPLORATION C L (52G/13NE-29)											70	70							
BD	NORANDA EXPLORATION C L (52G/13NE-30)											70	70							
BE	NORANDA EXPLORATION C L (52G/13NE-31)	71																		
BF	NORANDA EXPLORATION C L (52G/13NE-32)											70	70							
BG	REETA EXPLORATIONS L (52G/13NE-33)											70	70							
BH	STURGEON KING MINING CORP (52G/13NE-34)											70	70							
BI	STURGEON KING MINING CORP (52G/13NE-35)				71															
BJ	HARTLAND MINES L (52G/13NE-36)				72															
BK	COMBINED METAL MINES L (52G/13NE-37) (No Property on map)							76												
BL	MATTAGAMI LAKE MINES L (52G/13NE-38)											77	77							

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TYPE OF WORK		Numbers below represent the year in which the work was done; eg. 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
	COMPANY/AUTHOR (file number)																			
BM	MATTAGAMI LAKE MINES L (52G/13NE-39)											77	77							
BN	MATTAGAMI LAKE MINES L (52G/13NE-40)											77	77							
BO	MATTAGAMI LAKE MINES L (52G/13NE-41)				77	77														
BP	MATTAGAMI LAKE MINES L (52G/13NE-42)				77	77														
BQ	MATTAGAMI LAKE MINES L (52G/13NE-43)				77	77														
BR	GEOPHYSICAL ENGINEERING (52G/13NE-44)				77															
BS	MATTAGAMI LAKE MINES L (52G/13NE-45)											77	77							
BT	MATTAGAMI LAKE MINES L (52G/13NE-46)				78															
BU	MATTAGAMI LAKE MINES L (52G/13NE-47)											77 78	77 78							
BV	GOLDRAY MINES L (52G/13NE-48)				70															

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	COMBINED METAL MINES	1	1973	N13E	-45	110	397	py,cp	--
		2	1973	N13E	-60	98	385	py,po,cp	--
2		3	1973	360	-45	92	507	py,po,cp	--
3	CONGRESS MINING C L	C-1	1971	156	-50	120	509	--	--
4	GOLDRAY MINES L(DENISON)	15	1972	20	-45	28.5	314	--	--
5		16	1972	20	-45	27.0	293	po	--
6		17	1972	20	-45	41.0	308	py,po	--
7		18	1972	0	-45	29.0	447	po	--
8		19	1972	20	-45	53.0	398	po	--
9		20	1972	20	-45	13.0	288	po	--
10		21	1972	20	-45	46.0	382	po	--
11		22	1972	50	-45	18.0	347	py	--
12		23	1972	20	-45	15.0	250	--	--
13		24	1972	20	-45	9.0	251	po	--
14		25	1972	50	-45	14.0	598	py,cp	--
15	DOVE LAKE MINES	D-1	1971	180	-50	88.0	505.0	py	--
16	FALCON LAKE MINING CORP	F-1	1971	180	-45	10.0	515.0	py	--

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
			Completed	Degrees	Degrees	Feet	Feet		
17	GOLDRAY MINES L	STUR-1	1970	180	-45	8.0	471.0	--	--
18		STUR-2	1970	360	-45	15.0	252.0	po,py,cp	--
19		STUR-3	1970	360	-45	7.0	344.0	py,po,cp	--
20		STUR-4	1970	360	-45	18.0	387.0	py,po,cp	--
21		STUR-5	1970	360	-45	58.0	333.0	py,po	--
22		STUR-6	1970	360	-45	61.0	303.0	py,po,cp	--
23		STUR-7	1970	360	-45	66.0	384.0	py,po	--
24	NORANDA EXPLORATION C L	TR-1-70	1970	0	-45	9.0	350.0	po	--
25		TR-2-70	1970	0	-45	10.0	364.2	py,po	--
26		TR-3-70	1970	0	-45	25.0	411.3	py,po	--
27		TR-4-70	1970	0	-45	51.0	367.0	py,po	--
28		TR-5-70	1970	0	-45	17.6	395.0	py,po	--
29		BR-1-70	1970	30	-45	78.0	506.0	--	--
30		BR-2-70	1970	210	-45	73.0	331.0	py	Au,Ag,Zn
31		BR-3-70	1970	30	-45	11.0	423.7	--	--
32		TR-1-70	1970	6	-45	48.0	390.4	py,po,cp	--
33		TR-2-70	1970	0	-45	7.0	347.7	--	--
34		Y1-71-1	1971	--	-45	45.0	306.0	py,po,cp	Cu,Ag,Zn

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
			Completed	Degrees	Degrees	Feet	Feet		
35	NORANDA EXPLORATION C L	Y1-71(2)	1971	--	-45	10.0	215.0	--	--
36		Y2-71(1)	1971	--	-45	44.0	304.0	po,cp	--
37	STURGEON KING MINING CORPORATION	S-1	1971	180	-54	61.0	490.0	py,cp	--
38		S-2	1971	180	-53	66.0	530.0	py,cp,po	--
39	HARTLAND MINES L	S-1	1972	180	-50	37.0	354.0	--	--
40		S-2	1972	180	-50	154.0	355.0	--	--
41		S-3	1972	180	-50	110.0	350.0	py,po,cp	--
42	MATTAGAMI LAKE MINES	ER-J2-77/2	1977	180	-50	58.0	477.0	--	Cu,Zn,Fe,Mn
43		ER-J1-77/3	1977	360	-50	44.0	522.0	--	Cu,Zn,Fe,Mn
44		ER-H-77/7	1977	360	-50	78.0	447.0	py,po	Cu,Zn,Fe,Mn Ni,Au
45		ER-H-77/1	1977	180	-50	10.0	357.0	po	Cu,Zn,Fe,Mn
46	GEOPHYSICAL ENGINEERING LIMITED	UU7	1977	350	-55	69.0	402.0	po	Cu,Pb,Zn,Co Ag,Au
47	MATTAGAMI LAKE MINES	ER-Q-78-13	1978	30	-50	56.0	397.0	po,py	Cu,Zn,Ni,Fe Au,
48	GOLDRAY MINES	STUR-8	1970	0	-45	37.0	354.0	po,py,cp	--

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
A	By: Interprovincial Helicopters Limited For: Goldray Mines Limited (52G/14SW-21)	Magnetic and Electromagnetic	100'	N/S	1/8 mile

GDIF FORM NO. 4

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
	No Data as of March, 1986			

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result
	No Data as of March, 1986			

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

No Data as of March 1986

ODM GENERAL INDEX SEARCH

Words searched: Hurst, M. E., Smock Lake, Flying Loon Lake, Pepperbell Lake.

Index Volume	Listing:	Report Volume	Part	Page
3	Hurst, M. E., Sioux Lookout Area	41	6	1-33

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
TROWELL, N. F.	1971a	Glitter Lake Area (West Part), District of Thunder Bay, Ontario Department of Mines & Northern Affairs.	Map P.670	1"=¼ mile
TROWELL, N. F.	1971b	Glitter Lake (East Part), District of Thunder Bay, Ontario Department of Mines & Northern Affairs.	Map P.671	1"=¼ mile
TROWELL, N. F.	1972a	Quest Lake-Sturgeon Lake Area (Western Part) District of Thunder Bay & Kenora.	Map P.761	1"=¼ mile
TROWELL, N. F.	1972b	Quest Lake-Sturgeon Lake Area (Eastern Part) District of Thunder Bay.	Map P.762	1"=¼ mile
PALONEN, P. A. SPEED, A. A.	1975	Smock Lake Area, District of Kenora, Ontario Department of Mines, Sioux Lookout Data Series.	Map P.1033	1"=¼ mile
TROWELL, N. F. BARTLETT, J. R. SUTCLIFFE, R. H.	1983	Geology of the Flying Loon Lake Area, District of Kenora, Ontario Geological Survey Report 224, accompanied by Map 2477.	GR 224 Map 2477	1:50,000
SKINNER, R.	1968	Sioux Lookout, Geological Survey of Canada	Map 14-1968	1:253,440
TROWELL, N. F. BARTLETT, J. R. SUTCLIFFE, R. H.	1978	Smock Lake Sheet, Ontario Geological Survey Preliminary Map P.2352.	Map P.2352	1:15,840
TROWELL, N. F. BARTLETT, J. R. SUTCLIFFE, R. H.	1980	Geology of the Flying Loon Lake Area, Ontario Geological Survey, Open File Report.	O.F.R. 5297	--
HURST, M. E.	1932	Sioux Lookout Area, Ontario Department of Mines Geological Coloured Map.	Map 41h	1:95,040

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		Geophysical Maps		
O.D.M. - G.S.C.	1961	Aeromagnetic Map 1137G, Yonde/Kenora Districts, Ontario.	1137G	1"=½ mile
O.D.M. - G.S.C.	1961	Aeromagnetic Map 1127G, Watcomb/Kenora District, Ontario	1127G	1"= 1 mile
O.G.S.	1982	Airborne Electromagnetic Survey and Total Intensity Magnetic Survey, Sioux Lookout Area.	Map 80 563 80 564 80 568 80 569 80 570	1:20,000
ROBERTSON, JAMES VOS, M. A. SPRINGER, JANET	1976	Mineral Potential Map of Ontario, West Central Sheet, Preliminary Map.	P.1098	1"=16 miles 1:1,013,760

GDIF FORM NO.9

NOTES AND ADDENDA

AERIAL PHOTOGRAPH INDEX

Scale 1"=¼ mile (O.G.S.)

1975:	LINE	PHOTO NUMBERS
	4941	77-87
	4940	152-163
	4939	227-238
	4938	37-47
	4937	113-125
	4936	189-200

GDIF FORM NO.8

Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 319

(Map 1 of 2)

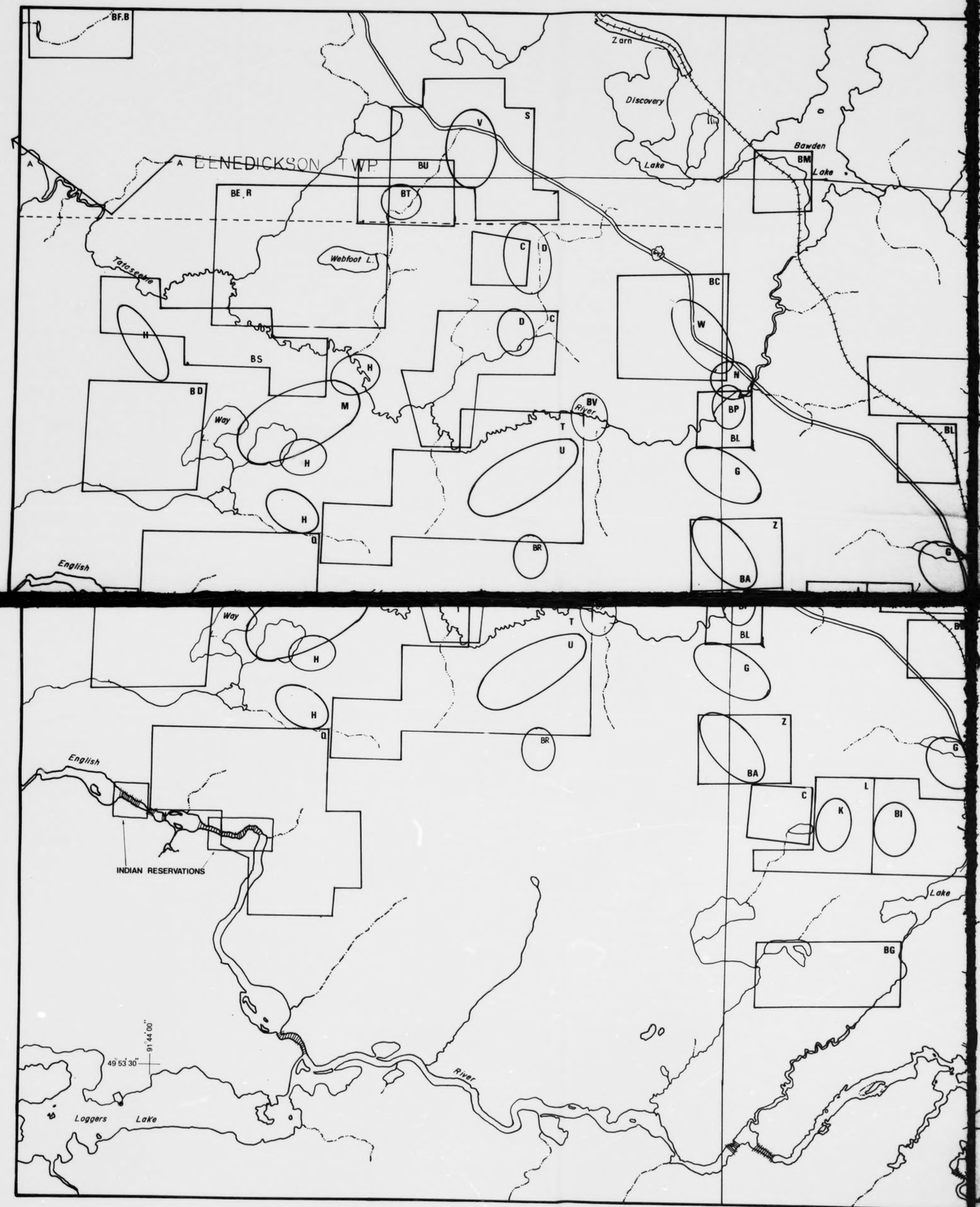
SMOCK LAKE AREA

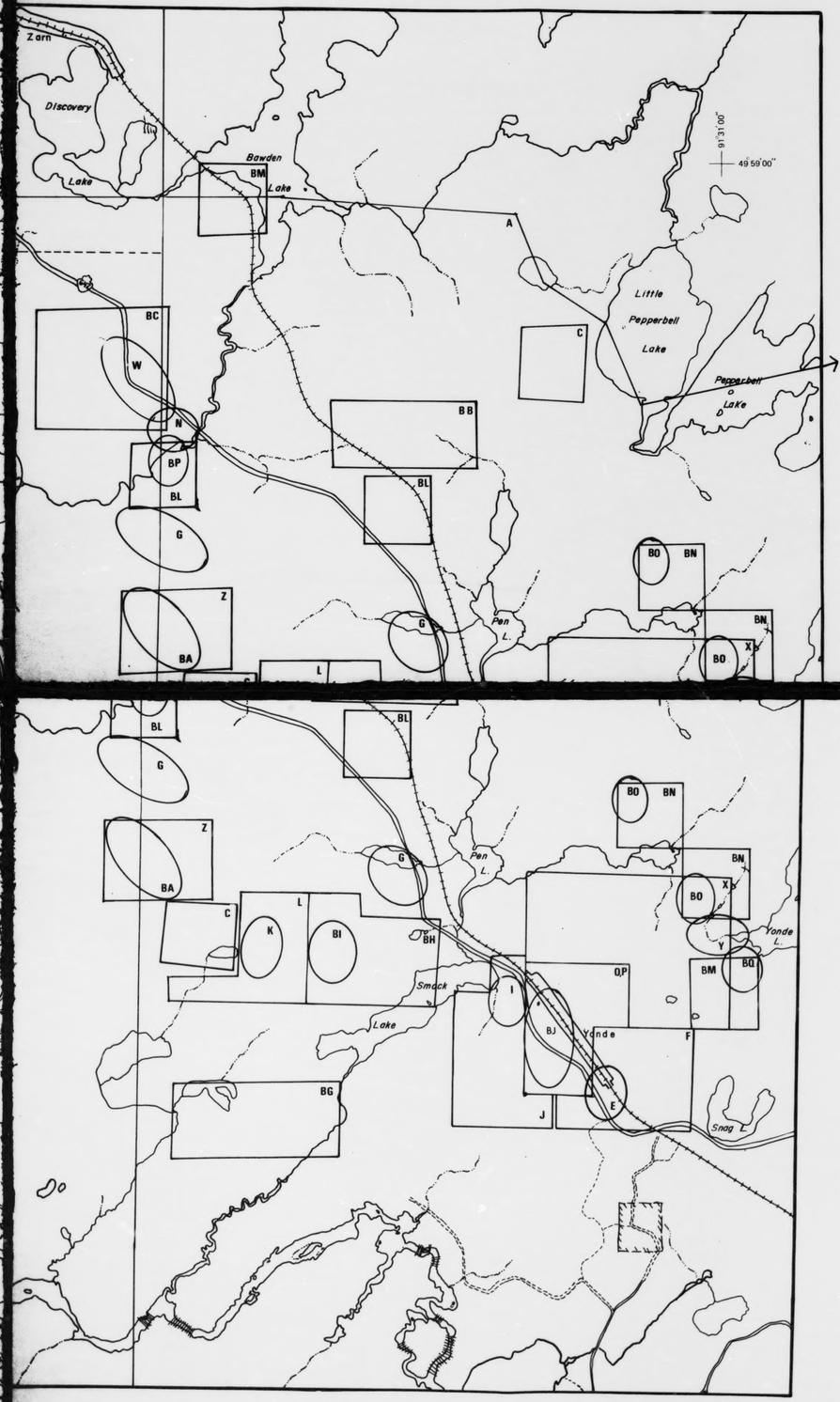
DISTRICT OF KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile





EXPLORATION DATA FILE AREAS

■ /(O)(S) Reference letters are always inside work area outlined. See listings in text pages.

□ x (A) Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly; Length of anomaly along flight line
- Airborne electromagnetic anomaly; Location of anomaly along flight line
- Airborne electromagnetic anomaly; Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly (total intensity)
- Resistivity anomaly
- Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

Ministry of Northern Development and Mines
Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 319

(Map 2 of 2)

SMOCK LAKE AREA

DISTRICT OF KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft; depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft; depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter

DRILLHOLE

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation drillhole; churn drilling, with reference number

PIB 3163